

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(5B62C0) Hex(D2D5FA) Hex(5BC0B8) Hex(65677D) Hex(FCFCFC) Hex(7D7D7D)

	Hex(5B62C0)	Hex(D2D5FA)	Hex(5BC0B8)	Hex(65677D)	Hex(FCFCFC)	Hex(7D7D7D)
Hex(5B62C0)		Ratio: 3.70 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵
Hex(D2D5FA)	Ratio: 3.70 AA 18pt ²		Ratio: 1.51 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 1.40 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(5BC0B8)	Ratio: 2.45 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 2.55 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(65677D)	Ratio: 1.04 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 2.55 Failed ⁵		Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 1.35 Failed ⁵
Hex(FCFCFC)	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 1.40 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 5.40 AA ¹ AAA 18pt ⁴		Ratio: 4.01 AA 18pt ²
Hex(7D7D7D)	Ratio: 1.29 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 4.01 AA 18pt ²	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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